



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,146	08/27/2003	Marius Buibas	200207627-1	5049

22879 7590 09/13/2005

HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER

RIDLEY, RICHARD

ART UNIT	PAPER NUMBER
----------	--------------

3651

DATE MAILED: 09/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/649,146

Applicant(s)

BUIBAS ET AL.

Examiner

Richard Ridley

Art Unit

3651

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 and 19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 and 19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 4-6, 8-13, 19 are rejected under 35 U.S.C. 102(b) as being anticipated by Okuzawa USP 4888617. Okuzawa discloses the claim limitations in a device comprising a(n):

- Back stop (fig. 3)
- Tray (62)
- Biasing means (66)
- Base member (60)
- Hinge (64)

3. Claims 1, 4-6, 8-13, 19 are rejected under 35 U.S.C. 102(b) as being anticipated by Komori USP 3919972. Komori discloses the claim limitations in a device comprising a(n):

- Back stop (fig. 2)
- Tray (5)
- Biasing means (6)
- Base member (1)
- Hinge (12)

Art Unit: 3651

4. Claims 1, 2-6, 8-13, 19 are rejected under 35 U.S.C. 102(b) as being anticipated by Okada USP 5183248. Okada discloses the claim limitations in a device comprising a(n):

- Back stop (fig. 3)
- Tray (13)
- Biasing means (U)
- Base member (10)
- Hinge (15)

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over either one of Okuzawa, Komori, or Okada, in view of Kim US 2002/0084576.

Neither one of Okuzawa, Komori, or Okada disclose the backstop pivotal about the vertex of the tray and the backstop.

Kim teaches pivotally mounting the back stop (32 or 132) so as to be “pivotal about the vertex of the tray (31 or 131) and the back stop (32 or 132)” for the purpose of providing for a means to slant arrange a stack of sheets thus enabling easier receiving and arranging of paper in a cassette body [0007-0010].

It would have been obvious to one having ordinary skill in the art at the time of the invention to have employed mounted the back stop so as to be pivotal about the vertex of the tray and the back stop, as taught by Kim, in either one of (or all of) the devices of Okuzawa, Komori, or Okada for the purpose of providing for a means to slant arrange a stack of sheets thus enabling easier receiving and arranging of paper in a cassette body.

7. Claims 7 & 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over either one of Okuzawa, Komori, or Okada, in view of Sellers USP 5085421.

Neither one of Okuzawa, Komori, or Okada disclose a conveyor means for projecting an object into the tray.

Sellers teaches the use of a conveyor means (fig. 2 & 3A & 3B) for the purpose of projecting objects into a tray thus providing for an automatic reloading/replenishing function.

It would have been obvious to one having ordinary skill in the art at the time of the invention to have employed the use of a conveyor means, as taught by Sellers, in either one of (or all of) the devices of Okuzawa, Komori, or Okada, for the purpose of projecting objects into a tray thus providing for an automatic reloading/replenishing function.

Response to Arguments

8. Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

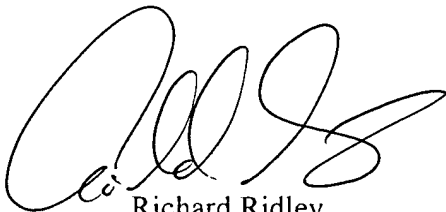
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Ridley whose telephone number is (571) 272-6917. The examiner can normally be reached on Mon-Fri 7:30 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gene Crawford can be reached on (571) 272-6911. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3651

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Richard Ridley', is positioned above the printed name and date.

Richard Ridley
2 Sept 2005

Richard Ridley
Primary Examiner
Art Unit 3651